



Panel: Technology Needs of Naval Programs

PEO(S) Reflections

Naval-Industry R&D Partnership Conference

14 August 2002

Technology Problem Areas

- ◆ **Human System Integration (HSI)**
- ◆ **Materials that provide strength / durability without a weight penalty**
- ◆ **Electric power conversion and storage**

Technology Solution Sets

- ◆ **Neural Networks; Automated Decision Aids; Higher Order Reasoning Computers**
- ◆ **Composites as strong and durable as HY-100 steel**
- ◆ **Power Electric Building Blocks (PEBBs); improved batteries at the macro and micro level**

Technology Insertion Mechanics

- ◆ **Exposure to Industry Teams working on platforms / ship systems**
- ◆ **Mantech Program**
- ◆ **SBIR Program**
- ◆ **FNC Program**

Who Are We?

